

Name: New York University School of Medicine, DCM [A150]

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Recd

Code A150

NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER
LABORATORY ANIMAL WELFARE PROGRAM
EMPIRE STATE PLAZA, P.O. BOX 509
ALBANY, NEW YORK 12201-0509

2019 RENEWAL APPLICATION
FOR APPROVAL FOR USE OF LIVING ANIMALS

SECTION I - GENERAL LABORATORY/INSTITUTION INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Laboratory/Institution Name: New York University School of Medicine, DCM	
Address 1: 341 East 25th St.	One Park Ave, 6 th Fl
Address 2: Room 108	
City, State, Zipcode: New York, NY 10010	NY, NY 10016
County: New York	
Telephone Number: 212-263-6532	212 - 263 - 5901
Fax Number:	
E-mail Address: jennifer.pullium@nyumc.org	

RECEIVED

Q5 DEC 3 2018

FACILITIES MANAGEMENT

SECTION I - GENERAL LABORATORY/INSTITUTION INFORMATION

Ownership:

- ☐ Corporation ☐ Government ☐ Individual ☒ Not For Profit ☐ Partnership
☐ Other: _____

Facility Type:

- | | | |
|--|---|--|
| <input type="checkbox"/> 2 Year College | <input type="checkbox"/> 4 Year College | <input type="checkbox"/> Clinical or Environmental Lab |
| <input checked="" type="checkbox"/> Hospital | <input checked="" type="checkbox"/> Medical School | <input type="checkbox"/> Product Testing Lab |
| <input type="checkbox"/> Public Health Lab | <input type="checkbox"/> Research & Development Lab | <input type="checkbox"/> Veterinary School |
| <input type="checkbox"/> Other: _____ | | |

SECTION II - PROGRAM INFORMATION

Animals (Check all that apply):

- | | | | |
|--|---|---|---|
| <input checked="" type="checkbox"/> Mice (genus mus) | <input type="checkbox"/> Hamsters | <input checked="" type="checkbox"/> Fish | <input type="checkbox"/> Sheep/Goats |
| <input checked="" type="checkbox"/> Mice (wild or other) | <input type="checkbox"/> Guinea Pigs | <input type="checkbox"/> Cats | <input type="checkbox"/> Cattle |
| <input checked="" type="checkbox"/> Rats (genus rattus) | <input checked="" type="checkbox"/> Rabbits | <input type="checkbox"/> Dogs | <input checked="" type="checkbox"/> Swine |
| <input type="checkbox"/> Rats (wild or other) | <input checked="" type="checkbox"/> Small Birds | <input type="checkbox"/> Non-Human Primates | <input type="checkbox"/> Poultry |
| <input checked="" type="checkbox"/> Other: <u>frogs</u> | | | |

Are you currently housing live animals at your institution? ☒ Yes ☐ No

If you are not currently housing live animals, do you anticipate having live animals in your facility during the next 12 months?* ☐ Yes ☐ No

*LAWP permits are issued to those institutions that maintain living animals for teaching and/or research and have the appropriate programs and facilities to properly and humanely care for those animals.

Does your laboratory/institution have an Animal Care Committee? ☒ Yes ☐ No
(If Yes, attach a copy of the Committee members) Attached

Since your last application, have there been any changes in your animal care and use procedures (i.e. feeding programs, disease control, environmental management, humane care, euthanasia)? ☐ Yes ☒ No
(If Yes, please explain)

Note: Any procedures that require the withholding of feed and water or exposing the animals to adverse or unusual conditions should be documented in your animal use protocols and approved by your IACUC.

Living animals are used for (Check all that apply):

- | | |
|---|---|
| <input type="checkbox"/> Diagnostic Procedures | <input type="checkbox"/> Education/Teaching Demonstrations |
| <input checked="" type="checkbox"/> Experimentation | <input type="checkbox"/> Farm Production |
| <input type="checkbox"/> Public Display | <input type="checkbox"/> Public Health/Disease Surveillance |
| <input type="checkbox"/> Other: _____ | |

Are animals used in studies with human infectious agents? ☒ Yes ☐ No
(If Yes, attach a copy of your procedures for processing medical waste generated by the animals) Attached

Registration/Accreditation Type:

- | | | |
|---|---|-------------------------------|
| <input checked="" type="checkbox"/> AAALAC Accredited | <input checked="" type="checkbox"/> USDA Registered | <input type="checkbox"/> None |
| <input type="checkbox"/> Other: _____ | | |

SECTION III - PERSONNEL INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Laboratory/Institution Person In Charge (Name): Paul, Jeremy	
Title: Asst Dean, Basic Science Rsrch Ops	
Telephone Number: 646-501-8715	
341 East 25th St. NY, NY 10010	350 First Ave, 2nd fl Room 256 NY NY 10016
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm to to	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

CURRENT DATA	INDICATE CHANGES HERE
Veterinarian in Charge (Name): Pullium, Jennifer	
Title: Senior Director	
Telephone Number: 212-263-6532	212-263-5901
Work Name/Address (if different from laboratory/institution): 341 East 25th St. New York, NY 10010	One PARK Ave, 6th fl NY NY 10016
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm to to	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

SECTION III - PERSONNEL INFORMATION

CURRENT DATA	INDICATE CHANGES HERE
Contact Person (Name): Pullium, Jennifer	
Title: Senior Director	
Telephone Number: 212-263-6532	5901
Work Hours: MON: 9:00 am to 5:00 pm TUE: 9:00 am to 5:00 pm WED: 9:00 am to 5:00 pm THU: 9:00 am to 5:00 pm FRI: 9:00 am to 5:00 pm to to	Work Hours: Mon: to Tue: to Wed: to Thu: to Fri: to Sat: to Sun: to

☒ Attach a list of all full-time and part-time animal care staff which includes the following information:
Name, Full-Time or Part-Time, Title and Education Level (Highest). *Attached*

☐ No additional staff.

SECTION IV - ATTESTATION

I have read the Administrative Rules and Regulations concerning the use of living animals and understand that I am fully responsible for all work involving the use of living animals. I understand that the Certificate of Approval is not transferable and the New York State Department of Health (the Department) shall be advised promptly if the individual, in whose name approval has been granted, ceases to be in charge. The facility(ies) will be operated according to all applicable laws, rules and regulations.

I understand that by signing this application form I agree to cooperate with any investigations conducted by the Department to verify or confirm information given or any other investigation conducted in connection with animal welfare in any facility identified in this application. If additional information is requested, I will provide it.

In signing this application, I hereby certify that the information I have given the Department as a basis for obtaining or retaining a certificate of approval is true and correct. As information changes, I will promptly notify the Department. Further, I understand that filing a false instrument constitutes a crime under the Penal Law of the State of New York.


Signature, Laboratory/Institutional Officer

Jeremy Paul, PhD
Institutional Official
Assist Dean, Basic Sci Research Operations
Research Associate Professor, Cell Biology
Office of Science & Research

11/30/18
Date

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [056] Name: NYU Medical Center-Environmental Medicine	<i>Facility closed in August 2018</i>
Address 1: 57 Old Forge Road, Rm 282	
Address 2:	
City, State, Zipcode: Tuxedo, NY 10987	
Site Telephone Number: 212-263-6532	
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer	

CURRENT DATA	INDICATE CHANGES HERE
Site [057] Name: Skirball Satellite	
Address 1: 540 First Avenue	
Address 2: room 848	<i>5-1A</i>
City, State, Zipcode: New York, NY 10016	
Site Telephone Number: 212-263-6532	<i>5901</i>
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [058] Name: Public Health Laboratories Satellite (PHL)	
Address 1: 455 First Avenue	
Address 2: room 848	
City, State, Zipcode: New York, NY 10016	
Site Telephone Number: 212-263-6532	5901
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer	

CURRENT DATA	INDICATE CHANGES HERE
Site [059] Name: Smilow Satellites	
Address 1: 550 First Avenue	
Address 2: 5,6,7,8,9th floors	707A, 907E #
City, State, Zipcode: New York, NY 10016	
Site Telephone Number: 212-263-6532	5901
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [060] Name: NYU Medical Center-Parasitology Central Animal Facility	<i>Facility closed</i>
Address 1: 341 E.25th St. Old Public Health Bldg	
Address 2:	<i>in May 2018</i>
City, State, Zipcode: New York, NY 10010	
Site Telephone Number: 212-263-6532	
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer, MVB, DACLAM	

CURRENT DATA	INDICATE CHANGES HERE
Site [061] Name: NYU Dental School	
Address 1: 345 East 24th Street	
Address 2:	
City, State, Zipcode: New York, NY 10010	
Site Telephone Number: 212-263-6532 <i>5901</i>	<i>5901</i>
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer, MVB, DACLAM	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [062] Name: NYU Medical Center-Skirball Central Animal Facility	
Address 1: 540 First Ave.	
Address 2: Ground Level	
City, State, Zipcode: New York, NY 10016	
Site Telephone Number: 212-263-6532	5901
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer, MVB, DACLAM	

CURRENT DATA	INDICATE CHANGES HERE
Site [063] Name: NYU Medical Center - Berg Satellite	currently closed.
Address 1: 550 1st Ave., Medical Science Bldg.	Will open in 2019.
Address 2:	
City, State, Zipcode: New York, NY 10016	
Site Telephone Number: 212-263-6532 5901	5901
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer, MVB, DACLAM (DVM)	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

CURRENT DATA	INDICATE CHANGES HERE
Site [064] Name: AWCAF	
Address 1: 430 East 29th St.	
Address 2:	
City, State, Zipcode: NY, NY 10016	
Site Telephone Number: 212-263-6532	5901
Site Fax Number:	
Site E-mail Address: dcm@nyumc.org	
Contact Person (Name): Pullium, Jennifer, MVB, DACLAM (DVM)	

SECTION V - ADDITIONAL SITES WHERE LIVING ANIMALS ARE LOCATED

FIELDS	NEW SITE DATA
Site Name:	SBCAF
Address 1:	435 East 30 th Street, 3 rd floor
Address 2:	NY, NY 10016
City, State, Zipcode:	212-263-5901
Site Telephone Number:	dcm@nyumc.org
Site Fax Number:	Pullium, Jennifer, MVB, DACLAM
Site E-mail Address:	
Contact Person (Name):	

FIELDS	NEW SITE DATA
Site Name:	SBAF
Address 1:	435 East 30 th Street, 2nd floor
Address 2:	NY, NY 10016
City, State, Zipcode:	212-263-5901
Site Telephone Number:	dcm@nyumc.org
Site Fax Number:	Pullium, Jennifer, MVB, DACLAM
Site E-mail Address:	
Contact Person (Name):	

FIELDS	NEW SITE DATA
Site Name:	SB Satellites
Address 1:	435 East 30 th Street
Address 2:	NY, NY 10016
City, State, Zipcode:	212-263-5901
Site Telephone Number:	dcm@nyumc.org
Site Fax Number:	Pullium, Jennifer, MVB, DACLAM
Site E-mail Address:	
Contact Person (Name):	

FIELDS	NEW SITE DATA
Site Name:	MSB Satellites
Address 1:	550 First Avenue
Address 2:	NY, NY 10016
City, State, Zipcode:	212-263-5901
Site Telephone Number:	dcm@nyumc.org
Site Fax Number:	Pullium, Jennifer, MVB, DACLAM
Site E-mail Address:	
Contact Person (Name):	

Institution: NYU School of Medicine/NYU Langone Health			
IACUC Chairperson			
Name: Ann Marie Schmidt			
Title: Dr. Iven Young Professor of Endocrinology; Professor of Medicine, Pharmacology and Pathology			Degree/Credentials: M.D.
PHS Policy Membership Requirements***:			
IACUC Roster [Provide below or attach]			
Name of Member/ Code*	Degree/ Credential	Position Title	PHS Policy Membership Requirements***
2	Ph.D.	Member (Professor of Medicine (Endocrinology-Diabetes Research Program) and Biochemistry and Molecular Pharmacology)	Scientist
3	Ph.D.	Member (Manager, Research Laboratory Operations for Medical Science and Smilow Buildings Office of Science and Research (OSR))	Scientist
4	Ph.D.	Member (Professor of Structural Biology, Radiology and Pathology)	Scientist
5	Ph.D.	Member (Professor of Environmental Medicine)	Scientist
6	Ph.D.	Member (Associate Professor of Physiology and Neuroscience and Medicine, Cardiology)	Scientist
7	Ph.D.	Member (Professor of Psychiatry, Biochemistry and Molecular Pharmacology)	Scientist

Name of Member/ Code*	Degree/ Credential	Position Title	PHS Policy Membership Requirements***
8	Ph.D.	Member (Assistant Professor of Medicine, Director of High Containment Laboratories and Director of Immunology Content)	Scientist
9	Ph.D.	Member (Assistant Professor of Physiology and Neuroscience and Neuroscience Institute, Director of NYUMC Rodent Behavior Core Laboratory)	Scientist
10	Ph.D.	Member (Professor of Pathology and Director of Gene Therapy Center)	Scientist
11	Ph.D.	Member (Professor of Department of Basic Sciences, NYU Dental School and Research Associate Professor of Department of Environmental Medicine)	Scientist
12	<i>D.D.S., Ph.D.</i>	<i>Alternate to Member #11 (Professor of NYU College of Dentistry and Director for Implant Research Department of Periodontology and Implant Dentistry Biomaterials)</i>	<i>Scientist</i>
13	M.P.H.	Member (Manager, Environmental Health and Safety)	
14	M.S.	Member (Environmental Specialist II, Environmental Health and Safety)	

Name of Member/ Code*	Degree/ Credential	Position Title	PHS Policy Membership Requirements***
15	M.P.H.	Member (Environmental Specialist II, Environmental Health and Safety)	
16	Ph.D., DABR	Member (Assistant Professor of Radiology, Radiation Safety)	
Jennifer Pullium	M.V.B., D.A.C.L.A.M.	Member (Senior Director, DCM)	Veterinarian
Kevin Prestia	D.V.M., M.P.H., D.A.C.L.A.M.	Member (Director, DCM)	Veterinarian
Skye Rasmussen	D.V.M., D.A.C.L.A.M.	Member (Associate Director of Veterinary Services, DCM)	Veterinarian
<i>Colleen Thurman</i>	<i>D.V.M., M.S.</i>	<i>Alternate Member to Veterinarian (Veterinary Resident, DCM)</i>	<i>Veterinarian</i>
<i>Samantha Peynara</i>	<i>D.V.M., D.A.C.L.A.M.</i>	<i>Alternate Member to Veterinarian (Clinical Veterinarian, DCM)</i>	<i>Veterinarian</i>
<i>Adrienne Winn</i>	<i>D.V.M., M.Ag.</i>	<i>Alternate Member to Veterinarian (Veterinary Resident, DCM)</i>	<i>Veterinarian</i>
23	L.A.T.g, C.P.I.A.	Member (Assistant Director, IACUC)	
24	M.S., L.A.T.g, C.P.I.A.	Member (IACUC Specialist, IACUC)	
25	M. S., R.L.A.T.g	Member (IACUC Specialist, IACUC)	
26	B.A.	<i>Alternate Member (IBC Project Coordinator, IACUC and IBC)</i>	
27	M.L.S.	Member (Associate Curator, NYU Health Sciences Library)	Nonscientist
28	M.S.	Member (Senior Analyst- Solutions Development, OSR)	Nonscientist

Name of Member/ Code*	Degree/ Credential	Position Title	PHS Policy Membership Requirements***
29		Nonaffiliated Member (Restaurant Worker)	Nonaffiliated
30	J.D., LL.M., M.P.H.	Nonaffiliated Member (Lawyer)	Nonaffiliated
31	Ph.D.	Ex-Officio-non voting (Assistant Dean, Basic Science Research Operations)	
32		Ex-Officio-non voting (Director, Research Integrity and Compliance Internal Audit, Compliance & Enterprise Risk Management)	

* Names of members, other than the chairperson and veterinarian, may be represented by a number or symbol in this report to OLAW. Sufficient information to determine that all appointees are appropriately qualified must be provided and the identity of each member must be readily ascertainable by the institution and available to authorized OLAW or other PHS representatives upon request. ** List specific position titles for all members, including nonaffiliated (e.g., banker, teacher, volunteer fireman; not "community member" or "retired").

*** PHS Policy Membership Requirements:

Veterinarian veterinarian with training or experience in laboratory animal science and medicine or in the use of the species at the institution, who has direct or delegated program authority and responsibility for activities involving animals at the institution.

Scientist practicing scientist experienced in research involving animals.

Nonscientist member whose primary concerns are in a nonscientific area (for example, ethicist, lawyer, member of the clergy).

Nonaffiliated individual who is not affiliated with the institution in any way other than as a member of the IACUC, and is not a member of the immediate family of a person who is affiliated with the institution. This member is expected to represent general community interests in the proper care and use of animals and should not be a laboratory animal user. A consulting veterinarian may not be considered nonaffiliated.

[Note: all members must be appointed by the CEO (or individual with specific written delegation to appoint members) and must be voting members. Non-voting members and alternate members must be so identified.]

List of all animal care staff

11/9/2018

Last Name	First Name	Position	Highest Education Level	Full time/ Part time
Acevedo	Angela	Research Technician II	HS, LAT	Full time
Arias	Alonso	Research Technician I	HS	Full time
Ayala	Erica	Research Technician I	GED, ALAT	Full time
Azore	Marlon	Lab Assistant	HS	Full time
Barnette	Nicole	Research Technician I	HS, ALAT	Full time
Berroa	Dominga	Lab Assistant	HS	Full time
Bloch	Lourdes	Senior Vet Tech	AAS, LAT	Full time
Bryan	Tatiana	Lab Assistant	HS	Full time
Caraballo	Jessica	Research Technician I	HS	Full time
Casseus	Daphney	Research Technician I	HS, ALAT	Full time
Cesar	Watson	Lab Assistant	HS	Full time
Chung	WonTaek	Senior Vet Tech	BS, LATG	Full time
Colon	Emmanuel	Research Technician I	BA, ALAT	Full time
Cozma	Ioan	Veterinary Technician	BA,LVT	Full time
Danso	Kiki	Lab Assistant	HS	Full time
Day	Belinda	Research Technician I	HS	Full time
DeZinna	Kaitlyn	Research Technician I	HS, ALAT	Full time
Fall	Abdoul	Animal Facility Supervisor	BS, RLATG	Full time
Flores	Christian	Research Technician I	BA, ALAT	Full time
Fullerton	Hannah	Lab Assistant	HS, ALAT	Full time
Garcia	Krystal	Research Technician I	HS, ALAT	Full Time
Gonzalez	William	Animal Facility Supervisor	HS, RLATG	Full time
Gonzalez	Fernando	Lab Assistant	HS	Full time
Goodwin	Robert	Lab Assistant	HS	Full time
Gwara	Beth	Senior Vet Tech	LVT, RALAT	Full time
Hazel	Phillip Chez	Animal Facility Supervisor	LATG, CMAR	Full time
Hendrix-Lynn	Adam	Lab Assistant	HS	Full time
Hodge	Ricardo	Lab Assistant	HS	Full time
Hughes	Monica	Research Technician I	BS, ALAT	Full time
Jackson	Cornelius	Research Technician I	HS	Full time
Jones	Zachary	Research Technician I	BS, ALAT	Full time
Klores	Molly	Post-doc Fellow	DVM	Full time
Kreiness	Michael	Assistant Operations Manager	LATG	Full time
Krout	Julia	DCM Liaison & Staff Development Specialist	CMAR, MLAS, RLATG	Full time
Lee	SangMin	Senior Vet Tech	AAS, LAT	Full time
Leitgeb	Frank	Senior Research Technician	BS, LATG	Full time
Leiva-Avila	Javier	Research Technician I	HS, ALAT	Full time
Leon	Jake	Lab Assistant	BA	Full time
Lewis	Hadiyah	Research Technician I	HS, ALAT	Full time
Lopez	Emil	Lab Assistant	HS	Full time

Lopez	Excel	Lab Assistant	HS	Full time
Lopez	James	Lab Assistant	HS	Full time
Maddison	Taphon	Animal Facility Supervisor	RLATG	Full time
Manrique	Manuel	Research Technician I	HS, ALAT	Full time
Martinez	Pedro	Research Technician I	HS	Full time
Menendez	Julio	Research Technician I	ALAT	Full time
Nogueras	Ralph	Research Technician I	HS	Full time
Oviedo	Jose	Research Technician I	HS	Full time
Palacios	Eliezer	Research Technician I	HS, ALAT	Full time
Peneyra	Samantha	Clinical Veterinarian	DVM, DACLAM	Full time
Perez	Paul	Research Technician I	AAS, ALAT	Full time
Prestia	Kevin	Director	MPH, DVM, DACLAM	Full time
Pullium	Jennifer	Senior Director	MVB DACLAM	Full time
Qayyum	Sawwal	Research Technician I	BS, ALAT	Full time
Quaterman	Jarvis	Lab Assistant	HS	Full time
Quinones	Charis	Research Technician I	HS, ALAT	Full time
Raskauskas	Kristen	Research Technician II	BS, LAT	Full time
Rasmussen	Skye	Associate Director, Vet Services	DVM, DACLAM	Full time
Raymond	Mark	Associate Director, Operations	LATG	Full time
Reyes	Roberto	Lab Assistant	HS	Full time
Rivera	Elizabeth	Lab Assistant	HS	Full time
Rivers	Jeannine	Lab Assistant	HS	Full time
Roberti	Anita	Research Technician II	BS, LAT	Full time
Rodriguez	Lillian	Animal Facility Supervisor	LATG	Full time
Rodriguez	Ariel	Research Technician I	HS, ALAT	Full time
Sarria	Valentina	Research Technician I	BS, ALAT	Full time
Szlaz	Jessica	Research Technician I	BS, ALAT	Full time
Thurman	Colleen	Post-doc Fellow	DVM, MS-LAM	Full time
Velasquez	Jennifer	Research Technician I	HS	Full time
Victoria	Negron	Research Technician I	HS, ALAT	Full time
Wheeler	Tyrone	Research Technician I	HS	Full time
Wiggins	David	Research Technician III	LATG	Full time
Williams	Vanda	Vet Tech Supervisor	LVT, LAT, MA	Full time
Winn	Adrienne	Post-doc Fellow	MAG, DVM	Full time
Zhu	Lina	Research Technician II	BS, LAT	Full time

HS, GED= high school

LVT= License Vet Tech

AAS= Associate

BA, BS, BT= Bachelor

MPH, MAg, MS, MA= Master

DVM, MVB = Doctor of Vet Medicine

AALAS certifications

ALAT

LAT

LATG

RLATG

CMAR

NYU School of Medicine Division of Comparative Medicine Standard Operating Procedures	SOP Number 40-008-17	
	Effective Date 7/17/17	Supersedes 40-008-17 dated 2/28/17
Title: Working Under Animal Biosafety Level (ABSL) 2 Conditions	Page 1 of 4	
	Number of Attachments 0	

I. Objective

To describe the procedures for working at ABSL-2 and to describe the handling of animals, bedding, and caging within the NYULMC ABSL-2 Animal Facilities.

II. Responsibilities

- A. Proposals requiring the use of biohazardous materials (BHAZMATS) must be approved by the Institutional Animal Care and Use Committee (IACUC) and Environmental Health & Safety (EH&S). The use of recombinant DNA also requires NYU Institutional Biosafety Committee (IBC) approval.
- B. The Biosafety Officer (BSO) and/or EH&S, in conjunction with IACUC, DCM, and the Principal Investigator (PI) will develop any project-specific procedures that are needed to supplement this document or any other procedural descriptions.
- C. The PI is responsible for ensuring his/her staff's compliance with the requirements of this policy and all other applicable DCM policies and procedures.
- D. The DCM Training Coordinator is responsible for providing and documenting ABSL-2 training at the colony room level prior to granting facility access. Training will focus on the material covered within this SOP and occur at least semiannually for DCM staff and Investigative Staff.

III. Procedures

- A. **Biohazardous Materials Approval** – All BHAZMATS approvals are processed through the NYUMC protocol management system. EH&S personnel that serve as IACUC members provide approvals for protocols with BHAZMATs.
 - 1) Approval for Recombinant DNA registrations must be obtained from the IBC.
- B. **Room Access** - Access to rooms/areas designated for BHAZMAT work is restricted to investigators and their staff with approved animal use protocols and registrations that describe the use of these materials *in vivo*.
 - 1) Room access is granted after obtaining approval from the DCM, IACUC and EH&S as documented in the approved protocol and registration.
 - 2) Prior to working with hazardous materials, the PI must contact the facility operations manager or building supervisor to obtain cage space and undergo any specific training requirements. Training is provided by the building supervisor or DCM training coordinator prior to gaining facility access.
- C. **Any personnel who have access to another barrier housing room in addition to ABSL-2 access, must adhere to the following procedures:**

Originator Skye Rasmussen Julia Krout	Director Approval Kevin Prestia, DVM, DACLAM
Date 7/17/17	Date 7/17/17

NYUSM DLAR SOP	SOP Number 40-008-17	Page 2 of 4	Effective Date 7/17/17
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- 1) There is a **24-hour wait period** with shower and clothing change requirement after exiting the ABSL-2 room, before entering another barrier housing room.
 - 2) Instruments, supplies, notebooks, pencils, laboratory equipment, etc. must be dedicated to the ABSL-2 room. Specialized equipment that cannot be dedicated to a specific ABSL-2 room must be sterilized between rooms. Contact a DCM veterinarian for guidance on equipment sterilization.
 - 3) Rodents from the ABSL-2 are kept isolated when in the laboratory, and any contact with materials or people that entered or will enter a facility or room other than the ABSL-2 room must be avoided. All laboratory surfaces and equipment must be sanitized with an approved disinfectant, allowing for the appropriate disinfectant contact times, before beginning and after completing experiments. Researchers must consult with DCM veterinarians on appropriate disinfectant selection.
- D. **Personnel Protective Equipment (PPE)** - Personnel must don appropriate PPE prior to entering the room containing the BHAZMAT. Refer to posted signs indicating "Requirements for Entry". For all ABSL-2 rooms PPE at a minimum includes disposable gown or coveralls, shoe covers or coveralls with shoe covers, hair bonnet, facemask, and double nitrile gloves. Upon exiting the ABSL-2 room, the outer pair of gloves is removed and disposed of using a covered trash bin located inside the ABSL-2 room. Remove any article of PPE that becomes visibly contaminated and prepare to leave the ABSL-2 room immediately. Remove PPE in a manner that does not cause dispersion (carefully rolled up with contaminated surface on the inside of the item and being careful not to contaminate the inside 'clean' portion of the article being removed) and dispose in a red biohazard bag. Additional PPE is located in or just outside the ABSL-2 room and should be donned prior to leaving the area. If skin contamination is suspected, wash the affected area with soap and water and report to the NYUMC OHS. Carefully check 'street clothes' for contamination.
- E. All animals, once infected with a biohazardous agent, will be assumed to have the potential to carry and/or shed the agent and therefore will need to be maintained at the assigned animal biosafety level until they have reached a humane or scientific endpoint. In some instances, including but not limited to the administration of replication deficient viral vectors, and after a specified time period, the biosafety level may be downgraded. These instances will be defined exceptions, not the rule, and will be preceded by consultation with EH&S.
- F. **Transporting Animals From ABSL-2 Areas** (See SOP 30-03-003-04) Animals assigned to ABSL-2 housing can only be transported to other ABSL-2 procedure areas or satellite laboratory areas where procedure space can appropriately accommodate ABSL-2 work (i.e., is pre-approved by the IACUC and EH&S as an ABSL-2 satellite procedure space). All investigators transporting rodents infected with ABSL-2 agents must follow the DCM policy on proper transportation and ABSL-2 containment procedures prior to transporting rodents.
- 1) Transporting animals to laboratory spaces outside the vivarium.
 - a) When transporting animals from DCM ABSL-2 facilities the use of a transport box is required. All internal transfers will be performed by DCM staff via the Internal Transfer Request form.
 - b) Designated transport containers are provided in each facility by DCM.
 - c) The transport box must be clearly labeled with a biohazard sticker (box) or sign (cart). The label should list the hazard.
 - 2) Transporting animals to ABSL-2 procedure spaces within the vivarium, or from satellite spaces using Innovive caging to ABSL-2 laboratory spaces.
 - a) Complete microisolator cage set-ups can be bagged under the biosafety cabinet using a single biohazard bag. The bag must be sealed either by tying or by

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circumferentially using tape to secure the bag closed. The outside of the biohazard bag must be liberally misted with MB-10 before removal from the biosafety cabinet.

G. Room and Cage Identification

- 1) The facility supervisor posts a sign incorporating safety information at the entrance to the all procedure or colony rooms where BHAZMATS and/or animals are housed or are manipulated. The sign must include the biohazard symbol, animal biosafety level, identification of the agent(s), personal protective equipment requirements, name of responsible personnel and their telephone number, and required procedures for entering and exiting the animal areas.
- 2) Cages containing animals that have been administered BHAZMATS are identified with a biohazard sticker or other easily identifiable characteristic, and state the specific agent used at the cage level.

H. Husbandry and Experimental Procedures

- 1) A class II biological safety cabinet (BSC) will be placed in all rooms housing animals administered BHAZMATs. All animal-related procedures must be performed within the class II biosafety cabinet, including but not limited to: cage-changing, necropsy, harvesting of tissues or fluids, and inoculation of animals with any hazardous materials.
- 2) All rodent cages should be maintained on negatively pressurized individually ventilated racks, or are housed using static caging.
- 3) ABSL-2 colony and procedure rooms should be maintained negatively pressurized with respect to hallways or passages.
- 4) Persons must wash their hands after removing gloves, and before leaving the area where infectious materials and/or animals are housed or are manipulated. Handwashing sinks and supplies shall be made readily available.
- 5) All work surfaces and supplies/equipment are decontaminated with a disinfectant listed as effective against the agent(s) in use before and after placing cages/animals in the BSC. Manufacturer recommended disinfectant contact times must be observed. DCM will provide an appropriate disinfectant for most ABSL-2 work; it is the PI's responsibility to determine the effectiveness of the disinfectant against his/her particular biohazardous agent and to use a different disinfectant if necessary.
- 6) All biohazardous trash receptacles maintained at the room level must be appropriately covered when not in active use.
- 7) Decontamination of cages and waste:
 - a) All waste, including trash and PPE, is either autoclaved in the animal facility and processed through the regulated medical waste system, or placed directly into the regulated medical waste system.
 - b) All waste, which is to be double bagged, and equipment must be disinfected by liberally spraying the outside surface of the outer bag or piece of equipment with an appropriate disinfectant before leaving procedure or colony rooms and prior to transport.
 - c) Cages with bedding inside, lids, and water bottles can be kept as complete cage set-ups, double bagged as biohazardous waste, and autoclaved. Cages, lids, water bottles, bedding and waste are removed from the room at least daily. If bedding is removed in a separate bag, caging supplies are double bagged and autoclaved prior to passing cages through cage wash. If disposable cages are used, they may double bagged and discarded as regulated medical waste.
 - d) All double bagged caging or waste must be liberally sprayed with the appropriate disinfectant prior to removing waste bags from ABSL-2 procedure or colony rooms.

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- 8) Animal carcasses must be double bagged such that there is a visible biohazard label and processed as regulated medical waste. When carcasses cannot be immediately removed from DCM sites, they shall be stored in a carcass freezer until they are further processed. The outside of carcass bags must be liberally sprayed with the appropriate disinfectant prior to removing from the ABSL-2 colony or procedure rooms.
- 9) All syringes and other sharps are disposed of in a sharps container. When the container reaches capacity near the fill line, the container must be placed in a biohazard bag and processed as regulated medical waste. Sharps containers should be placed inside the biosafety cabinet to facilitate easy and safe sharps disposal.
- 10) Biosafety cabinets are certified annually or more frequently if used for high-risk procedures or if necessitated by the performance of maintenance activities. Certification and decontamination shall be done if moved out of DCM or between DCM facilities.

I. Medical and Training

- 1) The NYUMC Occupational Health Service (OHS) provides project personnel with medical surveillance. The BSO and PI are responsible for supplementing this program with any pathogen-specific information that might be relevant.
- 2) As per OSHA regulations, persons working with potentially infectious agents or human materials including human cells are required to attend the blood borne pathogens/biosafety protection orientation, as well as any other supplemental biosafety training annually. All laboratory personnel working with recombinant DNA are required to complete recombinant DNA training every three years at minimum, and those working with viral vectors must complete the viral vector biosafety course.
- 3) Spills or needle sticks, scratches or bites that result in potential personal exposure, require individuals to wash the affected area with soap and water and report to the NYUMC OHS. After normal working hours, personnel must report to the NYU emergency department with a follow-up visit to OHS the following business day. Contact information for OHS and emergency reporting are posted throughout the animal facilities.
- 4) As per NYULMC Safety Policy, employees are required to report all job related injuries, illnesses, or needle sticks to their supervisor, regardless of severity. Job related injuries, illnesses, or needle sticks shall be documented by completing an Employee Occupational Illness/Injury Report (EOIIR).

Responsible Division: Husbandry



3 attachments

1. Institutional Animal Care and Use Committee Member List
2. Working Under Animal Biosafety Level (ABSL2) Conditions
3. List of all animal care staff